



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

SERIAL NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO.
06/24/83-776	06/20/84	MAPPELL	P 810776-1

FERFIE AND LYNCH  
805 THIRD AVENUE  
NEW YORK, NY 10022

EXAMINER	
FRIDELIANO, S	
ART UNIT	PAPER NUMBER
1273	2
DATE MAILED:	
08-10-84	

This is a communication from the examiner in charge of your application.

COMMISSIONER OF PATENTS AND TRADEMARKS

This application has been examined  Responsive to communication filed on \_\_\_\_\_  This action is made final.

A shortened statutory period for response to this action is set to expire 3 month(s), C days from the date of this letter.  
Failure to respond within the period for response will cause the application to become abandoned. 35 U.S.C. 133

**Part I THE FOLLOWING ATTACHMENT(S) ARE PART OF THIS ACTION:**

- Notice of References Cited by Examiner, PTO-892.
- Notice re Patent Drawing, PTO-948.
- Notice of Art Cited by Applicant, PTO-1449
- Notice of informal Patent Application, Form PTO-152
- Information on How to Effect Drawing Changes, PTO-1474
- \_\_\_\_\_

**Part II SUMMARY OF ACTION**

1.  Claims 1-17 are pending in the application.

Of the above, claims \_\_\_\_\_ are withdrawn from consideration.

2.  Claims \_\_\_\_\_ have been cancelled.

3.  Claims \_\_\_\_\_ are allowed.

4.  Claims 1-17 are rejected.

5.  Claims \_\_\_\_\_ are objected to.

6.  Claims \_\_\_\_\_ are subject to restriction or election requirement.

7.  This application has been filed with informal drawings which are acceptable for examination purposes until such time as allowable subject matter is indicated.

8.  Allowable subject matter having been indicated, formal drawings are required in response to this Office action.

9.  The corrected or substitute drawings have been received on \_\_\_\_\_. These drawings are  acceptable;  not acceptable (see explanation).

10.  The  proposed drawing correction and/or the  proposed additional or substitute sheet(s) of drawings, filed on \_\_\_\_\_ has (have) been  approved by the examiner.  disapproved by the examiner (see explanation).

11.  The proposed drawing correction, filed \_\_\_\_\_, has been  approved.  disapproved (see explanation). However, the Patent and Trademark Office no longer makes drawing changes. It is now applicant's responsibility to ensure that the drawings are corrected. Corrections MUST be effected in accordance with the instructions set forth on the attached letter "INFORMATION ON HOW TO EFFECT DRAWING CHANGES", PTO-1474.

12.  Acknowledgment is made of the claim for priority under 35 U.S.C. 119. The certified copy has  been received  not been received  been filed in parent application, serial no. \_\_\_\_\_; filed on \_\_\_\_\_.

13.  Since this application appears to be in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11; 453 O.G. 213.

14.  Other

Serial No. 622726

-2-

Art Unit 125

Claims 1-17 are rejected under 35 U.S.C. 112, first paragraph, as the disclosure is enabling only for claims limited in accordance with the disclosure at various places of the specification. See MPEP 706.03(n) and 706.03 (z). "A pharmaceutically acceptable gallium salt" and "a gallium salt" are broader than those specifically disclosed. The various claims are broader than warranted in the absence of amounts for the active ingredient.

All of the claims are rejected for a lack of proof of utility (35 U.S.C. 101). "A disorder associated with ...etc" is clearly broad enough to read on <sup>in</sup>credible areas; e.g. cancer. Further, "preventing" renders the claims questionable as such reads on cure.

The following is a quotation of 35 U.S.C. 103 which forms the basis for all obviousness rejections set forth in this Office action:

A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability

Serial No. 622726

- 3 -

Art Unit 125

shall not be negated by the manner in which the invention was made.

Claims 1-17 are rejected under 35 U.S.C. 103 as being unpatentable over Merck Index.

The compounds are clearly old and gallium has been administered to humans.

The preventing aspect of the claims renders the host readable on the prior art host. The composition is prima facie obvious.

All of the claims are rejection for a lack of proof of utility (35 U.S.C. 101) in view of Merck Index.

The human toxicity data clearly indicates undesirable effects.

Friedman:rjt

A/C 703

557-3920

08/08/84

Stanley J. Friedman  
Primary Examiner  
Group Art Unit 125